

ABSTRACT

The present invention provides a low-cost transflective liquid crystal display exhibiting high color reproducibility in a transmissive display and excellent characteristics (color reproducibility and brightness) in a reflective display. Also, the present invention provides a color filter for a bright transflective liquid crystal display.

The transflective liquid crystal display includes a pair of substrates disposed opposite to each other with a liquid crystal layer held therebetween, a reflection means using ambient light as a light source, and a backlight source. The transflective liquid crystal display further includes a color filter having a transmissive region and a reflective region which are provided in each picture element of the color filter and which have colored layers comprising a single material, and a three-peak type LED backlight source.